III. *A Letter from Sir* Dudley Cullum, *to* John Evelin, *Eſq*; *concerning the lately invented Stove for preſerving Plants in the Green Houſe in Winter, publiſhed at the end of the* Calendarium Hortenſe.

S I R,

I Cannot but think my ſelf obliged in Gratitude to give you an Account how well your lately invented Stove for a Green-Houſe ſucceeds (by the Experience I have had of it) which certainly has more Perfection, than ever yet Art was before Maſter of. Sir, I have purſued your Directions in laying my Pipes (made of Crucible Earth) not too near the Fire-grate, which is nigh upon, or better than ſixteen Inches; and by making a Trench the whole length of my Houſe, under the Paving (for the Air to iſſue out and blow the Fire) of a convenient breadth and depth (that is, 18 Inches both ways, cover'd with an Arch of Bricks) and at the other end of the Trench, having a ſquare Iron Plate anſwerable to that of my Paving (which is 18 Inches) to take off and put on, with a round hole at each corner, of about 3 Inches Diameter, with a Lid to ſlide open, and ſhut, upon every end of them, (as you may have ſeen upon ſome Porridge-Pot covers) ſo that by opening any of theſe holes, or all of them, more or leſs, or taking off the whole Plate, I can releaſe ſuch a quantity of Air out of the Houſe to blow the Fire ſo, as to increaſe or diminiſh the blaſts; and, as you were pleaſed by Letter to inform me, concerning diſtributing the Air at its admiſſion more equally through the Houſe, I have inſerted my Pipes into a Channel all along the Wall at the end of the Houſe, with thoſe ſeveral Overtures you mentioned: All which, Sir, I aſſure you, prove moſt admirably well, as by this free and generous Communication of yours you muſt have highly obliged all the Lovers of this Recreation, as well as, *S I R*, *Your moſt Faithful and Humble Servant*,

D. Cullum.